

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 21753-013003	Application No. 09/809,885
	Applicant Margrave, et al.		
	Filing Date March 16, 2001	Group Art Unit 1754	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/SH/	AA	5,300,203	04/05/94	Smalley			
↓	AB	5,424,054	06/13/95	Bethune et al.			
	AC	5,698,175	12/16/97	Hiura et al.			
	AD	5,346,683	09/13/94	Green et al.			
↓	AE	6,645,455	11/2003	Margrave et al.			
	AF	6,331,262	12/18/2001	Haddon et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
/SH/	AG	WO 00/73205 A1	12/07/00	PCT				
↓	AH	WO 97/32571 A1	09/12/97	PCT				
	AI	WO 96/18059	06/13/96	PCT				
↓	AJ	JP 08/325008	12/10/96	Japan				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/SH/	AK	Iijima, Sumio and Ichihashi, Toshinari, "Single-shell carbon nanotubes of 1-nm diameter," <i>Nature</i> , Vol. 363, pp. 603-605, June 17, 1993.
↓	AL	Li, W.Z., et al., "Large-Scale Synthesis of Aligned Carbon Nanotubes," <i>Science</i> , Vol. 274, pp. 1701-1703, December 6, 1996.
	AM	Ugarte, D., et al., "Nanocapillarity and Chemistry in Carbon Nanotubes," <i>Science</i> , Vol. 274, pp. 1897-1899, December 13, 1996.
	AN	Rao, A.M., et al., "Diameter-Selective Raman Scattering from Vibrational Modes in Carbon Nanotubes," <i>Science</i> , Vol. 275, pp. 187-190, January 10, 1997.
	AO	Charlier, Jean-Christopher, et al., "Microscopic Growth Mechanisms for Carbon Nanotubes," <i>Science</i> , Vol. 275, pp. 646649, January 31, 1997.
	AP	Hamada, Noriaki, et al., "New One-Dimensional Conductors. Graphitic Microtubes," <i>The American Physical Society</i> , Vol. 68, No. 10, pp. 1579-1581, March 9, 1992.
	AQ	Guo, Ting, et al., "Self-Assembly of Tubular Fullerenes," <i>J. Phys. Chem.</i> 1995, Vol. 99, No. 27, pp. 10694-10697. <u>3/22/95</u>
↓	AR	Guo, T., et al., "Catalytic growth of single-walled nanotubes by laser vaporization," <i>Chemical Physics Letters</i> , Vol. 243, pp. 49-54, 1995. <u>9/8/95</u>
	AS	Rinzler, A.G., "Unraveling Nanotubes: Field Emission from an Atomic Wire," <i>Science</i> , Vol. 269, pp. 1550-1553, September 15, 1995.

Examiner Signature

/Stuart Hendrickson/ (01/21/2008)

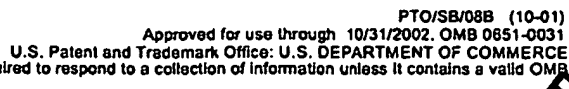
Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/SH/	AT	Guo, T. and Smalley, Richard E., "Production of Single-Walled Carbon Nanotubes Via Laser," <i>Electrochemical Society Proceedings</i> , Vol. 95, No. 10, pp. 636-647. 11/19/95
	AU	Thess, Andreas, "Crystalline Ropes of Metallic Carbon Nanotubes," <i>Science</i> , Vol. 273, pp. 483-487, July 26, 1996.
	AV	Ge, Maohui and Sattler, Klaus, "Scanning tunneling microscopy of single-shell nanotubes of carbon," <i>320 Applied Physics Letters</i> 65, No. 18, October 31, 1994, Woodbury, NY.
	AW	Dai, Hongjie, et al., "Single-wall nanotubes produced by metal-catalyzed disproportionation of carbon monoxide," <i>Chemical Physics Letters</i> 260, pp. 364-371, 1994 9/27/96
	AX	Lambert, J.M., et al., "Improving conditions towards isolating single-shell carbon nanotubes," <i>Chemical Physics Letters</i> 226, pp. 364-371, 1994. 8/19/94
	AY	Zhou, Dan, et al., "Single-walled carbon nanotubes growing radially from YC2 particles," <i>320 Applied Physics Letters</i> , Vol. 65, No. 12, September 19, 1994, Woodbury, NY, U.S.
	AZ	Wang, X.K., et al., "Stable glow discharge for synthesis of carbon nanotubes," <i>Applied Physics Letters</i> , Vol. 66, No. 4, January 23, 1995, Woodbury, NY, U.S.
	AAA	Nikolaev, Pavel, et al., "Diameter Doubling of Single-Wall Nanotubes," <i>Chemical Physics Letters</i> , October 24, 1996.
	ABB	"Fullerene Crop Circles," <i>Nature</i> , Vol. 385, pp. 780-781, February 27, 1997.
	ACC	Guo, Ting, et al., "Uranium Stabilization of C28: A Tetravalent Fullerene," <i>Science</i> , submitted May 4, 1992.
	ADD	"A New Type of Solar Cell Based on Sensitized, Nanocrystalline Semiconducting Oxide Films," http://dcwww.epfl.ch/icp/ICP-2/solarcell_E.html . 11/19/95
	AEE	"Transmission-Line Design Considerations," <i>Transmission-Line Parameters</i> , Ch. 5, Sec. 5.1, pp. 135-139. Glover et al. 1994 (no month)
	AFF	Hamwi et al., "Fluorination of carbon nanotubes," <i>Carbon</i> , GB, Pergamon Press, Oxford, vol. 35, no. 6, 1997 , pp. 723-728. 11/15/96
	AGG	Mickelson et al., "Fluorination of single-wall carbon nanotubes," <i>Chemical Physics Letters</i> , vol. 296, 1998, pp. 188-194. 10/19/98
	AHH	Haddon et al., "Solution Properties of Single-Walled Carbon Nanotubes," <i>Science</i> , vol. 282, October 2, 1998, pp. 95-98
	AII	Rao et al., "Functionalised carbon nanotubes from solutions," <i>Chem. Commun.</i> , 1996, pp. 1525-1526. 2/6/96
	AJJ	USSN 60/102,909, Entitled "Method of Dissolving Single-Walled Carbon Nanotubes in Organic Solutions", Filed October 2, 1998
	AKK	USSN 60/102,787, Entitled "Solubility Properties of Single-Walled Carbon Nanotubes", Filed October 2, 1998
	ALL	Holloway et al., "Fluorination of Buckminsterfullerene" in <i>J. Chem. Soc., Chem. Commun.</i> pgs. 966-969 1991 (NO MONTH) 5/22/91
	AMM	Chen et al., "Chemical Attachment of Organic Functional Groups to Single-Walled Carbon Nanotube Material" in <i>J. Mater. Res.</i> , vol. 13 no., 9/1998
↓	ANN	Holzinger, et al., "Sidewall Functionalization of Carbon Nanotubes" <i>Angew Chem. Int. Ed.</i> 2001, 40, No. 21 pg. 4002-4005 10/31/01

Examiner Signature /Stuart Hendrickson/ (01/21/2008)	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Substitute for form 14498/PTO

(use as many sheets as necessary)

Sheet	1	of	1
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Complete If Known

Application Number	09/809,885
Filing Date	March 16, 2001
First Named Inventor	Margrave, et al.
Group Art Unit	1754
Examiner Name	S.L. Hendrickson
Attorney Docket Number	11321-PO13D2

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

**Examiner
Signature**

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Date

Considered

1/22/08

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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